

# List of Plants

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\*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	Plant Part	Low PPM	High PPM	StdDev	*Reference
Agastache foeniculum	Plant	3.0	35.0	-0.39	*
Agastache urticifolia	Plant	--	72.0	-0.27	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Agastache nepetoides	Plant	--	4.0	-0.49	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Aloysia citrodora	Plant	1.0	4.0	-0.49	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Anethum graveolens	Essential Oil	--	--		*
Angelica archangelica	Root	4.0	125.0		*
Angelica archangelica	Root Essent. Oil	--	--		*
Apium graveolens	Et	--	78000.0		*
Apium graveolens	Root Essent. Oil	--	68000.0		*
Apium graveolens	Stem Essent. Oil	--	78000.0		*
Apium graveolens	Leaf	2000.0	2500.0	1.41	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Apium graveolens	Leaf Essent. Oil	--	145000.0		*
Artemisia dracunculus	Shoot	--	--		*
Artemisia dracunculus	Essential Oil	--	--		*
Artemisia dracunculus	Shoot Essent. Oil	--	--		*
Cinnamomum camphora	Leaf	--	24.0	-0.74	*
Cinnamomum verum	Root Bark	--	--		*
Cinnamomum verum	Bark	3.0	12.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Citrus aurantium	Leaf	1.0	110.0	-0.67	*
Coriandrum sativum	Fruit	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Coridothymus capitatus	Shoot	--	--	-0.45	Lagouri, V., Blekas, G., Tsimidou, M., Kokkini, S., and Boskou, D. 1993. Composition and Antioxidant Activity of Essential Oils from Oregano Plants Grown Wild in Greece. Z. Lebensm Unters Forsch 197: 20-23.
Cymbopogon nardus	Plant	42.0	168.0	0.05	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Dracocephalum thymiflora	Plant	--	84.0	-0.23	*
Ferula gummosa	Plant	--	--		*

vulgare					
<i>Foeniculum vulgare</i>	Seed	40.0	600.0	1.0	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Glechoma hederacea</i>	Plant	9.0	55.0	-0.32	*
<i>Hedeoma hispida</i>	Plant	--	4.0	-0.49	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Hyacinthus orientalis</i>	Flower	0.016	0.23		*
<i>Laurus nobilis</i>	Leaf	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Lavandula x intermedia</i>	Plant	100.0	230.0	0.26	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Lavandula latifolia</i>	Plant	--	55.0	-0.32	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Melissa officinalis</i>	Shoot	1.0	24.0	-0.35	Deutsche Apot. Zitt. 129(4):155-163. W. Schulze et al. Die Melisse.
<i>Mentha longifolia</i>	Shoot	1.0	685.0	2.64	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Mentha arvensis var. piperascens</i>	Essential Oil	--	--		Jim Duke's personal files.
<i>Moldavica thymiflora</i>	Plant	--	84.0	-0.23	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Monarda media</i>	Plant	--	63.0	-0.3	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Myroxylon balsamum</i>	Plant	--	--		*
<i>Nepeta cataria</i>	Plant	10.0	50.0	-0.34	*
<i>Ocimum basilicum</i>	Plant	3.0	252.0	0.33	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Ocimum gratissimum</i>	Plant	--	12.0	-0.47	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Origanum onites</i>	Shoot	--	0.1	-0.45	Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. Flav. & Frag. J. 8: 331-7.
<i>Origanum vulgare</i>	Plant	270.0	1392.0	4.1	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Origanum vulgare</i>	Shoot	--	--	-0.45	Lagouri, V., Blekas, G., Tsimidou, M., Kokkini, S., and Boskou, D. 1993. Composition and Antioxidant Activity of Essential Oils from Oregano Plants Grown Wild in Greece. Z. Lebensm Unters Forsch 197: 20-23.
<i>Origanum onites</i>	Shoot	--	--		Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. Flav. & Frag. J. 8: 331-7.
<i>Pimenta dioica</i>	Plant	--	--		*
<i>Pimpinella anisum</i>	Fruit	--	25.0	-1.0	*
<i>Pimpinella anisum</i>	Seed	--	25.0	-1.0	*
<i>Piper nigrum</i>	Fruit	--	--		*
<i>Pycnanthemum muticum</i>	Shoot	1.0	50.0	-0.23	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Satureja montana</i>	Plant	1.0	35.0	-0.39	*
<i>Satureja thymbra</i>	Shoot	--	37.0	-0.29	Lagouri, V., Blekas, G., Tsimidou, M., Kokkini, S., and Boskou, D. 1993. Composition and Antioxidant Activity of Essential Oils from Oregano Plants Grown Wild in Greece. Z. Lebensm Unters Forsch 197: 20-23.
<i>Satureja douglasii</i>	Plant	--	234.0	0.27	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Stachys germanica</i>	Plant	--	65.0	-0.29	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Tagetes minuta</i>	Essential Oil	--	513200.0		*
<i>Tagetes minuta</i>	Flower Essent. Oil	--	283500.0		*
<i>Thymus capitatus</i>	Shoot	--	10.0	-0.41	Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. Flav. & Frag. J. 8: 331-7.